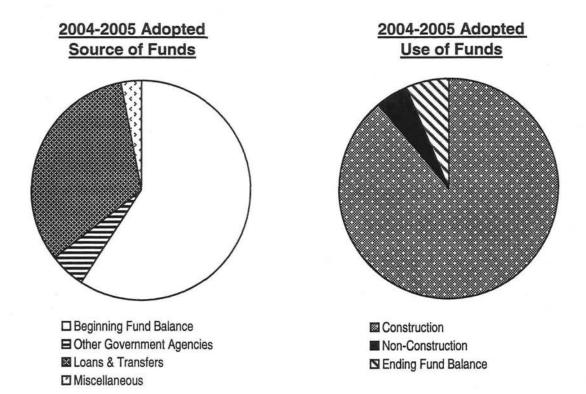
2004-2005 CAPITAL BUDGET

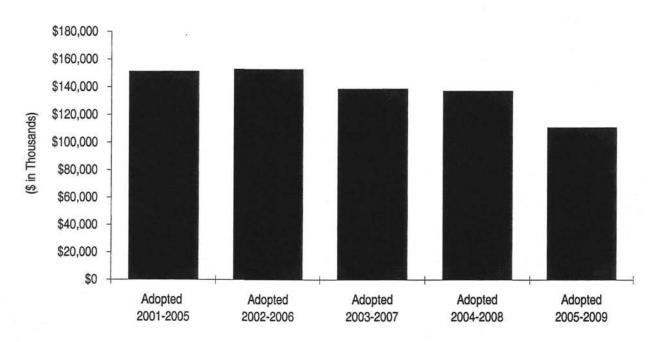
2005-2009 CAPITAL IMPROVEMENT PROGRAM

SANITARY
SEWER SYSTEM

SANITARY SEWER SYSTEM CAPITAL PROGRAM 2005-2009 Capital Improvement Program



CIP History



2005-2009 CAPITAL IMPROVEMENT PROGRAM



SANITARY SEWER SYSTEM

NORTHERN SAN JOSE

URBAN SERVICE AREA

APPROXIMATE PROJECT LOCATION

Evergreen Sewer

B Forest-Rosa Sewer

C Fourth Interceptor

D San Tomas Aquino Creek Trunk

E 60" Brick Interceptor

F 60" RCP

G 84" RCP Interceptor

O Fourth Ward Area

P Hobson-Walnut Area

Q Rosemary Area

R Third Ward Area

S Trimble-Morrill Sewer

U Hester-Naglee Area

2005-2009 CAPITAL IMPROVEMENT PROGRAM



SANITARY SEWER SYSTEM

SOUTHERN SAN JOSE

URBAN SERVICE AREA

- APPROXIMATE PROJECT LOCATION
 - East San Jose
 - J Julian-Sunol Sewer
 - K Monterey-Riverside Sewer
 - L San Tomas Expressway Trunk
 - M Infiltration Reduction (various sites)
 - N Willow-Union Trunk Sewer
- T Edenvale Sanitary Sewer Supplement Phase V

2005-2009 Adopted Capital Improvement Program

Overview

Introduction

The Sanitary Sewer System of the City of San José consists of approximately 2,000 miles of sewer mains ranging in diameter from 6 to 90 inches. The system serves the City, as well as three other jurisdictions, and conveys sewage to the San José/Santa Clara Water Pollution Control Plant (WPCP). The replacement value of the system is estimated at approximately \$1 billion.

The 2005-2009 Adopted Capital Improvement Program (CIP) provides funding of \$110.7 million, of which \$44.3 million is allocated in 2004-2005.

This program is part of the Environmental and Utility Services City Service Area (CSA) and supports the following outcome: Reliable Utility Infrastructure.

Program Priorities and Objectives

The majority of funds in the Sanitary Sewer System Capital Program are used to construct sewer improvement projects. Construction projects in the Adopted CIP fall into one of two categories: (a) enhance sewer capacity in substantially built-out areas and/or less-developed areas; or (b) rehabilitate existing sewers, with higher priorities given to those with extensive, severe deterioration. A project that will enhance capacity and rehabilitate existing sewers is considered a rehabilitation project for the purposes of this budget. Emphasis is placed on larger lines within each category.

 Capacity-enhancement projects are selected utilizing a computerized sewer flow model (which utilizes the San José 2020 General Plan to project sewage flows in the system), City maintenance records, and reports of sewer capacity constraints. Expenditures for capacity-enhancement projects total \$22.0 million, or roughly, 22% of construction projects in this CIP.

b. Rehabilitation projects are selected based on hydrogen sulfide studies (that analyze pipe corrosion). maintenance records and reports, and actual pipe failures, whether due to pipe corrosion or other physical deficiencies. The actual condition of candidate projects is verified by internal videotape inspections, which are then used to set project priorities. rehabilitation Expenditures for projects total \$78.6 million over the next five years, or roughly, 78% of construction projects in this CIP.

Sources of Funding

The principal funding sources for the 2005-2009 Adopted Sanitary Sewer System CIP are the Sewer Service and Use Charge (SS&UC) Fee, Sanitary Sewer Connection Fee, and "Joint Participation" contributions from the City of Santa Clara, County Sanitation Districts 2-3, and West Valley Sanitation District for the shared use of San José sewer lines. Among these revenues, the SS&UC fees continue to be the primary funding source for the program. The funding level from this source has been held constant for some time at \$16 million per year, based on the findings of the Sewer Management System Condition Assessment completed in 1991, which developed a model

2005-2009 Adopted Capital Improvement Program

Overview

Sources of Funding (Cont'd.)

to predict sewer pipe conditions throughout the City's sanitary sewer system and to recommend improvement projects. still maintaining the fiscal integrity of the SS&UC Fund, however, a reduction to this funding level from \$16 million to \$14.5 million was approved as part of this CIP. Even at this reduced funding level, projects represented in this CIP will continue to sufficiently meet the capacity rehabilitation needs of the sanitary system. It should be noted that this funding level is contingent upon an overall three-year 4.5% rate increase strategy for SS&UC fees that was recommended to the City Council in order to continue to fund the rehabilitation projects in this CIP and meet other needs supported by this fund. Further discussion concerning this fee increase is provided in the 2004-2005 Adopted Operating Budget.

The Sanitary Sewer Connection Fee is charged for connecting to the City's sewer system. The fees collected may only be used for the construction and reconstruction, including land acquisition, of the San José sanitary sewer system. The fee is based on the number of single and multi-family residential units built and the acres developed on commercial and industrial properties. these activities are projected to increase throughout the 2005-2009 CIP, corresponding increase to Sanitary Sewer Connection Fee revenues is assumed in this CIP. These revenues total \$5.0 million in the 2005-2009 CIP budget, which represents a 16% increase from the 2004-2008 CIP estimate of \$4.3 million.

"Joint Participation" contributions are based on the eligible project expenditures within the 5-year CIP and the percentage of reserved capacity of the joint sewer of the participating agency. These contributions total \$5.8 million through the 2005-2009 CIP, which represents a 16% increase from the 2004-2008 CIP estimate of \$5 million. This change reflects an increase in eligible project expenditures depicted in the 2005-2009 CIP.

Program Highlights

<u>Interceptor System Construction and</u> Rehabilitation

In general, an interceptor can be defined as a large pipe built by the City to serve as arterial In addition, interceptors are collectors. expected to carry flows from the collector sewers in the drainage basin to the point of treatment or disposal of the wastewater. These sewers normally follow valleys or natural streambeds of the drainage area. Three interceptor sewers, with an additional interceptor currently being built, make up the North San José Interceptor System. interceptor system is generally located on Fourth Street and Zanker Road in North San José. The system collects sewage from all the area-wide and local sewer systems of the City and conveys it to the Water Pollution Control The total number of interceptors within the City depends on the demands of the sewer system according to the City's General Plan.

Based on the selection criteria, the most prominent projects in the 2005-2009 CIP continue to be those related to the construction and/or rehabilitation of the North San José Interceptor System. The

2005-2009 Adopted Capital Improvement Program

Overview

Program Highlights (Cont'd.)

Interceptor System Construction and Rehabilitation (Cont'd.)

North San José Interceptor System is a collection of very large sanitary sewer pipes with diameters ranging from 54" to 90". The North San José Interceptor System Master Plan was drafted in 1986, and work in updating the plan was completed in 2002. The update was necessary due to significant changes in the system's hydraulics and in the condition of the sewer infrastructure (pipeline and junction structures) since the initial study in 1986.

The recent study, entitled San José North Interceptor Facility Plan Report, assessed the hydraulic conditions of the large sewers, determined the level of corrosion in the pipelines, and validated the capacity of the system. The final recommendations for programmed rehabilitation and construction of new sewer interceptors have been incorporated into the 2005-2009 CIP and will be referred to in the preparation of It is anticipated that subsequent CIP's. completion of the Fourth Interceptor and complete rehabilitation of the additional interceptors will extend beyond the 2005-2009 CIP. Capital improvements to the interceptor system consist of large, inter-related projects that must be staged in a specified sequence for logical construction of the system. The delay of one project will likely delay successive projects. However, construction of these projects must be staged so that the discharge flow cap placed on the WPCP will not be exceeded. To meet this requirement, the City also implemented the South Bay Water Recycling Program (SBWR) and

Inflow/Infiltration (I&I) Reduction Program as priority commitments for the City. The I&I Reduction Program is discussed in detail below under the heading "Other Highlights".

Presently, the City has three major sewer interceptors that originate at the intersection of Seventh and Empire Streets and continue northward to the WPCP, mostly along the full length of Zanker Road. A new Fourth Interceptor is also presently under construction. The three older interceptors are referred to by the following descriptive names:

- The 60-inch Brick Interceptor, which is approximately 100 years old.
- The 60-inch Reinforced Concrete Pipe (RCP) Interceptor, which was installed in the 1960's.
- The 84-inch RCP Interceptor, installed in the 1970's.

The status of the interceptor improvements is as follows:

60-Inch Brick Interceptor

Completed Phases:

- Phase II was replaced between Highway 237 and Tasman Drive.
- Phase III, between Tasman and Daggett Drives was rehabilitated.
- Phase IV, from Daggett Drive to Trimble Road, was replaced in conjunction with Phase IV of the Fourth Interceptor
- Phase V, from Trimble Road to Old Bayshore Highway, was completed in

2005-2009 Adopted Capital Improvement Program

Overview

Program Highlights (Cont'd.)

60-Inch Brick Interceptor (Cont'd.)

Completed Phases (Cont'd.):

2003 in conjunction with the construction of Phase V of the Fourth Interceptor project.

Phases to be Completed:

- Phase IB, between the WPCP and Highway 237, will be constructed in conjunction with Phase II of the 60-Inch RCP interceptor. This phase was awarded in June 2004.
- Phases VI, from Old Bayshore Highway to Commercial Street remains in service and needs to be abandoned and replaced with the Fourth Interceptor, Phase VI project, currently scheduled for 2006-2007.

60-Inch RCP Interceptor

Completed Phases:

- Phase I was replaced between the WPCP and Highway 237.
- Phase III, between Tasman and Daggett Drives, was replaced in conjunction with Phase III of the Fourth Interceptor.
- Phase IV, from Daggett Drive to Trimble Road was recently rehabilitated.
- Phase V, from Trimble Road to Old Bayshore Highway, was completed in September 2003.

 Phases VI and VII of the 60-inch RCP Interceptor were already rehabilitated between Old Bayshore Highway and Hedding Street.

Phases to be Completed:

 Phase II, between Highway 237 and Tasman Drive, will be constructed with Phase IB of the 60-Inch Brick Interceptor.

84-Inch RCP Interceptor

Phases I and II (north of Daggett Drive) do not require rehabilitation or replacement at this time.

Completed Phases:

 Phases III and IV, between Tasman Drive and Trimble Road, were rehabilitated in conjunction with the 60-Inch Brick Interceptor Phase III and 60-Inch RCP Interceptor Phase IV projects.

Phases to be Completed:

- Phase V, from Trimble Road to Old Bayshore Highway, was awarded in November 2003 in conjunction with the 60-Inch Brick Interceptor Phase V project, with completion scheduled in June 2005.
- Phase VI, on 4th Street between Old Bayshore Highway and Commercial Street is currently in final design and scheduled for completion in 2006-2007.
- Phase VII is currently scheduled for award in 2007-2008.

2005-2009 Adopted Capital Improvement Program

Overview

Program Highlights (Cont'd.)

Fourth Interceptor

Completed Phases:

- Phases I, II, III and IV were constructed between the WPCP and Trimble Road.
- A soil bed filter for odor mitigation has been constructed near Daggett Drive.
- Phase V, between Trimble Road and Old Bayshore Highway was completed in September 2003.

Phases to be Completed:

- Completion of Phase VI of the project, located on Fourth Street between Old Bayshore Highway and Commercial Street, as funding permits, is projected to begin in 2006-2007, as reflected in the CIP. Additional funding must be allocated in order to fully fund the project. Subsequent CIP revisions will further refine the scope and budget for the project.
- Phase VII of the project, between Commercial and Empire Streets, will require additional funding to accumulate in 2008-2009 in order to fully fund the project. Like Phase VI, subsequent CIP revisions will further refine the scope and budget for the project.

With regard to the Fourth Interceptor, the first five phases of this new interceptor have been constructed. When completed, the

Fourth Interceptor will also allow one of the three older interceptors to be removed from service during dry weather periods for the purpose of routine maintenance or rehabilitation. Such flexibility is important, but currently not available in all reaches of the system.

Other Highlights

In addition to interceptor improvements, funding toward other programs is included in document, subject to budgetary These include Sanitary Sewer constraints. System Flow Monitoring and Master Planning Program, Inflow/Infiltration (I&I) Reduction, and Neighborhood Sewer Improvement Programs. The existing San José Sanitary Sewer Master Plan, which evaluates sanitary sewers throughout San José, is more than 10 years old. In fall 2002, the City initiated a new Sanitary Sewer Master Plan.

Completion of the new San José Sanitary Sewer Master Plan for the north, south, and central areas was completed in June 2004. This Master Plan will help identify sewer capacity deficiencies in the existing system, and project additional capacities required to meet future demands.

The Flow Monitoring and Master Planning Program proposes to supplement the number of sites where the City may monitor sewer system flow rates. This information will be useful in daily operations and maintenance activities, the master planning of the sanitary sewer system, and sewage diversion operations. In diversion operations, City staff or contractors divert sewage flows from one line to another so that a sewer may be replaced or rehabilitated, with data from the

2005-2009 Adopted Capital Improvement Program

Overview

Program Highlights (Cont'd.)

Other Highlights (Cont'd.)

flow monitoring confirming that the other system is capable of conveying the additional flow without creating a sanitary sewer overflow (SSO).

The I&I Reduction Program is a key element of the Environmental and Utility Services CSA Business Plan. This program is intended to rehabilitate portions of the sewer system where groundwater and other sources of water (besides sewage) enter the sewers. It is known that certain areas of the City are prone The goal of the I&I Reduction to I&I. Program is to decrease the flow to the WPCP and help continue to meet its discharge flow cap. The program operates in conjunction with the Flow Monitoring Program to identify areas of the system that have substantial I&I, construct improvements to reduce I&I, then measure the reduction in flow following those improvements. As flows have decreased over the past several years, funding has been reprioritized to other rehabilitation and capacity improvement projects. Funding to the I&I Reduction Program of \$7.6 million is allocated over the next five years, representing a significant reduction from the 2004-2008 Adopted CIP allocation of \$11.3 million.

In recognition of the City Council's attention to neighborhood services, the Adopted Sanitary Sewer CIP also directs additional expenditures over the next five years toward the improvement of local neighborhood sewer systems. Generally, older neighborhoods benefit from this program because of the age and structural deterioration of their local sewers. The sewers may also

warrant upsizing or downsizing to reflect changes in sewage flows and patterns over time. In this five-year CIP, the neighborhood sewer program includes projects to rehabilitate and/or replace sewers in the East San José, Hobson-Walnut, Hester-Naglee, and the Rosemary neighborhoods.

Funding totaling \$3.7 million is allocated in 2004-2005 through 2006-2007 for the rehabilitation of the Willow-Union Trunk Sewer Project. This project will evaluate and rehabilitate portions of the trunk sewer that have deteriorated due to corrosion, groundwater infiltration, or settlement.

In 2004-2005, approximately \$18 million is allocated for the Edenvale Sanitary Sewer Supplement Phase V Project. This project will provide increased sewer capacity for the southern portions of San José, including the Edenvale Redevelopment Area, North Coyote Valley, and existing South San José neighborhoods. Construction of this phase of the Edenvale project also improves capacity in the Monterey-Riverside sewer collection system.

Major Changes from the 2004-2008 Adopted CIP

Major changes from the 2004-2008 Adopted CIP include the following:

 New funding programmed in the amount of \$4.6 million for the 84" Reinforced Concrete Pipe – Phase VII and VIIA project to be completed in 2007-2008 (Phase VIIA), based on conditional assessments of the interceptor system mentioned above.

2005-2009 Adopted Capital Improvement Program

Overview

Major Changes from the 2004-2008 Adopted CIP (Cont'd.)

- New funding in the amount of \$1.0 million to fund construction costs for the Forest-Rosa Sewer project.
- Decrease in funding in the amount of \$6.4 million for the Infiltration Reduction allocation as mentioned above.
- New funding in the amount of \$9.0 million in 2008-2009 for the Fourth Interceptor, Phase VII project.
- New ongoing allocation in the amount of \$75,000 annually to fund permit and inspection review of projects completed by outside agencies.

Operating Budget Impact

All the projects in the Adopted Sanitary Sewer CIP rehabilitate or replace existing sewers in order to avoid possible future maintenance costs and therefore do not incur additional long-term operating and maintenance costs.

Council Approved Revisions to the Proposed Capital Improvement Program

During the June budget hearings, the City approved the rebudgeting Council \$9,430,000 of unexpended funds for 16 projects: Infiltration Reduction (\$2,750,000); Miscellaneous Rehabilitation (\$2,500,000); Fourth Ward Area (\$750,000); 84-Inch RCP Interceptor (\$700,000); San Tomas Aquino Creek Trunk (\$700,000); Third (\$650,000); San Ward Area Tomas Expressway Trunk (\$400,000); Miscellaneous Projects (\$395,000); Trimble-Morrill Sewer (\$200,000); Julian-Sunol Sewer (\$100,000); Monterey-Riverside Sewer (\$100,000); Evergreen Sewer (\$64,000); Monterey-Riverside Supplement (\$60,000); Rosemary Area (\$36,000); Forest-Rosa Sewer (\$15,000); and Almaden Boulevard (\$10,000).

2004-2005 CAPITAL BUDGET

2005-2009 CAPITAL IMPROVEMENT PROGRAM

SANITARY SEWER SYSTEM

Source of Funds

USE OF FUNDS

2004-2005 Use of Funds by Funding Source

The Source of Funds displays the capital revenues by funding source for each year of the Five-Year Capital Improvement Program. The Use of Funds displays the capital expenditures by line-item for each year of the five-year period. The 2004-2005 Use of Funds by Funding Source displays the funding sources for the capital expenditures that are budgeted in 2004-2005.

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Sanitary Sewer System Capital Program

2005-2009 Adopted Capital Improvement Program

Source of Funds

SOURCE OF FUNDS	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	5-Year Total
Sanitary Sewer Connection Fee Fund							
Beginning Fund Balance Revenue from Other Agencies: Sanitary Sewer Joint Participation	18,227,089	13,952,912	1,406,912	1,205,912	1,472,912	664,912	13,952,912
- CSD 2-3/City Joint Projects		7,000	97,000	219,000	90,000		413,000
 Maintenance Agreements Santa Clara/City Joint Projects 	77,000	77,000 500,000	77,000	77,000	77,000	77,000	385,000 500,000
- WVSD/City Joint Projects Taxes, Fees & Charges:	750,000	1,700,000	953,000	882,000	500,000	425,000	4,460,000
Sanitary Sewer Connection Fees Interest Income	1,200,000	969,000	917,000	986,000	1,060,000	1,060,000	4,992,000
- Interest from Connection Fees Reserve for Encumbrances	90,000 5,857,823	22,000	25,000	27,000	29,000	29,000	132,000
Total Sanitary Sewer Connection Fee Fund	26,201,912	17,227,912	3,475,912	3,396,912	3,228,912	2,255,912	24,834,912

^{*} The 2005-2006 through 2008-2009 Beginning Balances are excluded from the FIVE-YEAR TOTAL SOURCE OF FUNDS to avoid multiple counting of the same funds.

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Sanitary Sewer System Capital Program

2005-2009 Adopted Capital Improvement Program Source of Funds

SOURCE OF FUNDS (CONT'D.)	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	5-Year Total
Sewer Service and Use Charge Capital Improvement Fund							
Beginning Fund Balance Contributions, Loans and Transfers from: Special Funds	37,706,560	12,285,340	1,412,340	1,228,340	1,750,340	1,208,340	12,285,340 *
 Transfer from Sewer Service and Use Charge Fund 	16,000,000	14,475,000	14,475,000	14,475,000	14,475,000	14,475,000	72,375,000
Interest Income Reserve for Encumbrances	788,000 5,943,780	315,000	243,000	230,000	238,000	224,000	1,250,000
Total Sewer Service and Use Charge Capital Improvement Fund	60,438,340	27,075,340	16,130,340	15,933,340	16,463,340	15,907,340	85,910,340 *
TOTAL SOURCE OF FUNDS	86,640,252	44,303,252	19,606,252	19,330,252	19,692,252	18,163,252	110,745,252 *

^{*} The 2005-2006 through 2008-2009 Beginning Balances are excluded from the FIVE-YEAR TOTAL SOURCE OF FUNDS to avoid multiple counting of the same funds.

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Sanitary Sewer System Capital Program

2005-2009 Adopted Capital Improvement Program

Use of Funds

USE OF FUNDS	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	5-Year Total
Construction Projects							
Capacity Improvement F	Projects						
Monterey-Riverside Suppl	lement 406,000	60,000					60,000
Edenvale Sanitary So Supplement, Phase	ewer 1,580,000	18,000,000	400,000	100,000			18,500,000
2. Miscellaneous Project		695,000	300,000	300,000	1,000,000	1,120,000	3,415,000
Total Capacity Improver Projects	nent 2,286,000	18,755,000	700,000	400,000	1,000,000	1,120,000	21,975,000
Rehabilitation Projects							
2nd and 3rd Streets	26,000						- 3
Almaden Boulevard	212,000	10,000					10,000
Evergreen Sewer	175,000	64,000					64,000
Forest-Rosa Supplement	3,000						
Market/St James Area Rehabilitation	10,000						
Taylor Street Brick Sewer	16,000						
3. 60" Brick Interceptor	, Ph IB 21,324,000	900,000	200,000				1,100,000
 60" Reinforced Cond Pipe, Ph VB 	erete 3,543,000	150,000					150,000
84" RCP Interceptor, Ph VIB, Ph VII, & Ph		4,450,000		1,000,000	8,000,000		13,450,000
East San José	141,000	1,131,000	100,000				1,231,000
7. Forest-Rosa Sewer	78,000	206,000	2,407,000	8,000			2,621,000
8. Fourth Interceptor, F	Ph VI & 513,000	950,000	2,000,000	10,030,000	3,500,000	9,000,000	25,480,000
9. Fourth Ward Area	1,857,000	896,000					896,000
10. Hester-Naglee Area	1,407,000	565,000					565,000
11. Hobson-Walnut Area	a	100,000	1,000,000				1,100,000
12. Infiltration Reduction	2,168,000	3,310,000	560,000	1,230,000	1,230,000	1,230,000	7,560,000
13. Julian-Sunol Sewer	1,297,000	100,000					100,000

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Sanitary Sewer System Capital Program

2005-2009 Adopted Capital Improvement Program

Use of Funds

	Estimated						5-Year
USE OF FUNDS (CONT'D.)	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	Total
Construction Projects							
Rehabilitation Projects							
Miscellaneous Rehabilitation Projects	5,547,000	4,250,000	2,085,000	2,000,000	2,730,000	2,605,000	13,670,000
15. Monterey-Riverside Sewer	3,034,000	513,000	2,044,000				2,557,000
16. Rosemary Area	24,000	86,000	1,090,000				1,176,000
17. San Tomas Aquino Creek Trunk	263,000	1,341,000	251,000				1,592,000
 San Tomas Expressway Trunk 	3,265,000	475,000					475,000
19. Third Ward Area	1,967,000	796,000					796,000
20. Trimble-Morrill Sewer	2,577,000	220,000					220,000
21. Willow-Union Trunk Sewer		120,000	3,500,000	120,000			3,740,000
Total Rehabilitation Projects	54,747,000	20,633,000	15,237,000	14,388,000	15,460,000	12,835,000	78,553,000
Total Construction Projects	57,033,000	39,388,000	15,937,000	14,788,000	16,460,000	13,955,000	100,528,000
Non-Construction							
General Non-Construction							
Budget Office Capital Program Staff	31,000	33,000	35,000	37,000	39,000	41,000	185,000
CIP Action Team	68,000	54,000	42,000	43,000	49,000	53,000	241,000
Civic Center Start-up Costs		2,000					2,000
Information Technology Staff Costs	61,000	69,000	45,000	47,000	49,000	51,000	261,000
Public Works Equipment Maintenance and Replacement	129,000						
Public Works Recruitment, Training, and Development	123,000						
Real Estate Appraisal Retention	57,000						
Vehicle Replacements	1,000						

2005-2009 Adopted Capital Improvement Program

Use of Funds

USE OF FUNDS (CONT'D.)	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	5-Year Total
Non-Construction							
General Non-Construction	1						
22. Fee Administration	57,000	60,000	63,000	66,000	68,000	69,000	326,000
23. Flow Monitoring Progra (Master Planning)	am 2,045,000	1,050,000	150,000	150,000	150,000	150,000	1,650,000
24. Geographic Informatio System (GIS)	n 84,000	35,000	36,000	37,000	38,000	39,000	185,000
25. Payments to West Vall Sanitation District	ley 10,000	10,000	10,000	10,000	10,000	10,000	50,000
26. Permit Review and Inspection for Outside Agencies		75,000	75,000	75,000	75,000	75,000	375,000
27. Preliminary Engineerin	g 652,000	675,000	700,000	725,000	750,000	760,000	3,610,000
28. Public Works Engineer Services Equipment (Materials Lab)	ring 51,000	33,000	35,000	37,000	38,000	39,000	182,000
Total General Non-Constr	uction 3,369,000	2,096,000	1,191,000	1,227,000	1,266,000	1,287,000	7,067,000
Reserves							
Civic Center Occupancy Re	serve		44,000	92,000	93,000	94,000	323,000
Total Reserves			44,000	92,000	93,000	94,000	323,000
Total Non-Construction	3,369,000	2,096,000	1,235,000	1,319,000	1,359,000	1,381,000	7,390,000
Ending Fund Balance	26,238,252	2,819,252	2,434,252	3,223,252	1,873,252	2,827,252	2,827,252*
TOTAL USE OF FUNDS	86,640,252	44,303,252	19,606,252	19,330,252	19,692,252	18,163,252	110,745,252*

^{*} The 2004-2005 through 2007-2008 Ending Balances are excluded from the FIVE-YEAR TOTAL USE OF FUNDS to avoid multiple counting of same funds.

2005-2009 Adopted Capital Improvement Program 2004-2005 Use of Funds by Funding Source

		(540)	(545)	Total	
		Sanitary Sewer Connection Fee Fund	Sewer Service and Use Charge Capital Improvement Fund		
TOT	TAL RESOURCES	17,227,912	27,075,340	44,303,252	
Con	struction Projects				
Сар	acity Improvement Projects				
	Monterey-Riverside Supplement	60,000		60,000	
1.	Edenvale Sanitary Sewer Supplement, Phase V	11,000,000	7,000,000	18,000,000	
2.	Miscellaneous Projects	695,000		695,000	
Tota	al Capacity Improvement	11,755,000	7,000,000	18,755,000	
Reh	abilitation Projects				
	Almaden Boulevard	10,000		10,000	
	Evergreen Sewer		64,000	64,000	
3.	60" Brick Interceptor, Ph IB		900,000	900,000	
4.	60" Reinforced Concrete Pipe, Ph VB		150,000	150,000	
5.	84" RCP Interceptor, Ph VB, Ph VIB, Ph VII, & Ph VIIA		4,450,000	4,450,000	
6.	East San José		1,131,000	1,131,000	
7.	Forest-Rosa Sewer		206,000	206,000	
3.	Fourth Interceptor, Ph VI & VII		950,000	950,000	
).	Fourth Ward Area		896,000	896,000	
10.	Hester-Naglee Area		565,000	565,000	
11.	Hobson-Walnut Area		100,000	100,000	
12.	Infiltration Reduction	1,560,000	1,750,000	3,310,000	
13.	Julian-Sunol Sewer	100,000		100,000	
14.	Miscellaneous Rehabilitation Projects	1502	4,250,000	4,250,000	
15.	Monterey-Riverside Sewer	50,000	463,000	513,000	
16.	Rosemary Area		86,000	86,000	
17.	San Tomas Aquino Creek Trunk		1,341,000	1,341,000	
18.	San Tomas Expressway Trunk	475,000		475,000	

2005-2009 Adopted Capital Improvement Program 2004-2005 Use of Funds by Funding Source

	(540)	(545)	Total	
	Sanitary Sewer Connection Fee Fund	Sewer Service and Use Charge Capital Improvement Fund		
Construction Projects				
Rehabilitation Projects				
19. Third Ward Area		796,000	796,000	
20. Trimble-Morrill Sewer		220,000	220,000	
21. Willow-Union Trunk Sewer		120,000	120,000	
Total Rehabilitation Projects	2,195,000	18,438,000	20,633,000	
Total Construction Projects	13,950,000	25,438,000	39,388,000	
Non-Construction	and the second of the second of			
General Non-Construction				
Budget Office Capital Program Staff	33,000		33,000	
CIP Action Team	54,000		54,000	
Civic Center Start-up Costs	2,000		2,000	
Information Technology Staff Costs	69,000		69,000	
22. Fee Administration	60,000		60,000	
 Flow Monitoring Program (Master Planning) 	900,000	150,000	1,050,000	
24. Geographic Information System (GIS)	35,000		35,000	
25. Payments to West Valley Sanitation District	10,000		10,000	
26. Permit Review and Inspection for Outside Agencies		75,000	75,000	
27. Preliminary Engineering	675,000		675,000	
28. Public Works Engineering Services Equipment (Materials Lab)	33,000		33,000	
Total General Non-Construction	1,871,000	225,000	2,096,000	

2005-2009 Adopted Capital Improvement Program 2004-2005 Use of Funds by Funding Source

	(540)	(545)	Total
	Sanitary Sewer Connection Fee Fund	Sewer Service and Use Charge Capital Improvement Fund	
Non-Construction			
Total Non-Construction	1,871,000	225,000	2,096,000
Ending Fund Balance	1,406,912	1,412,340	2,819,252
TOTAL USE OF FUNDS	17,227,912	27,075,340	44,303,252

2004-2005 CAPITAL BUDGET

2005-2009 CAPITAL IMPROVEMENT PROGRAM

SANITARY SEWER SYSTEM

DETAIL OF
CAPITAL PROJECTS

The Detail of Capital Projects section provides information on the individual capital projects with funding in 2004-2005, including the following: project name, City Service Area (CSA) and CSA Outcome supported by the project, responsible department, Council District, project location, project description, project start and completion dates, project justification, project costs by type of expenditure, funding sources for the project, and the annual operating budget impact. On the Use of Funds statement, these projects are numbered.

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

1. Edenvale Sanitary Sewer Supplement, Phase V

CSA:

Environmental and Utility Services

Initial Start Date: 2nd Qtr. 2001

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 3rd Qtr. 2008

Council District:

2

Revised Completion Date:

Location:

Various Streets from Monterey Highway at Blossom Hill Road to Santa Teresa Boulevard at

Bayliss Drive

Description:

This project funds the construction of approximately 5,900 linear feet of 48" and 16,400 linear feet of 54" diameter concrete pipes. This project is located on Santa Teresa Boulevard between Bayliss Drive and Bernal Road, and on portions of Bernal Road, Via Del Oro, Great Oaks Boulevard., Las Colinas Lane, and Monterey Highway from Route 85 to Blossom Hill Road.

Justification:

This project is required in order to provide capacity for the ultimate development of the service area.

rs	2003-04 Appn.	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year		
	h.b	Estimate					2000 00	Total	Beyond 5-Year	Project Total
47										47
60	1,580	1,580	190					190		1,830
			10					10		10
			17,800	400	100			18,300		18,300
107	1,580	1,580	18,000	400	100			18,500		20,187
		FUN	IDING SOI	URCE SCI	HEDULE (000'S)				
107	1,493	1,493	11,000	400	100			11,500		13,100
	87	87	7,000					7,000		7,087
107	1,580	1,580	18,000	400	100			18,500		20,187
		107 1,580 107 1,580 107 1,493 87	107 1,580 1,580 107 1,580 1,580 FUN 107 1,493 1,493 87 87	107 1,580 1,580 190 10 17,800 190 100 17,800 190 100 17,800 1,580 18,000 FUNDING SOI 107 1,493 1,493 11,000 87 87 7,000	107 1,580 1,580 190 10 17,800 400 107 1,580 1,580 18,000 400 107 1,493 1,493 11,000 400 87 87 7,000	107 1,580 1,580 190 100 100 100 100 100 100 100 100 10	107 1,580 1,580 190 100 100 100 107 1,580 1,580 18,000 400 100 100 FUNDING SOURCE SCHEDULE (000'S) 107 1,493 1,493 11,000 400 100 87 87 7,000	107 1,580 1,580 190 100 100 100 100 100 100 100 100 10	190 190 190 100 18,300 100 18,300 100 18,500 107 1,580 1,580 18,000 400 100 18,500 107 1,493 1,493 11,000 400 100 11,500 11,500 11,500 100 11,500 100 11,500 100 11,500 100 11,500 100 11,500 100 11,500 100 11,500 100 11,500 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 100 11,500 100 100 11,500 100 100 100 11,500 100 100 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 100 11,500 100 100 100 11,500 100 100 100 11,500 100 100 11,500 100 100 100 11,500 100 100 11,500 100 100 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 11,500 100 100 100 11,500 100 100 100 11,500 100 100 100 11,500 100 100 100 11,500 100 100 100 11,500 100 100 100 100 100 100 100 100 100	107 1,580 1,580 190 190 190 100 18,300 107 1,580 1,580 18,000 400 100 18,500 107 1,493 1,493 11,000 400 100 11,500

Major Changes in Project Cost:

2003-2007 CIP - increase of \$4.6 million to address increased construction costs.

Notes:

None

FY Initiated:

2001-2002

Redevelopment Area:

N/A

Initial Project Budget:

\$15,570,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

2. Miscellaneous Projects

CSA:

Environmental and Utility Services

Initial Start Date:

Ongoing

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Ongoing

Council District:

City-wide

Initial Completion Date: Revised Completion Date:

Location:

City-wide

Description:

This ongoing allocation is used to complete minor sanitary sewer projects and to establish

contingency reserves for major projects.

Justification:

This allocation is required for sewer extensions related to the Traffic Program projects, and to

construct minor sewer mains to extend and cross-connect existing mains.

			E	XPENDIT	URE SCH	EDULE (0	00'S)	X			
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design		200	95	200	95	95	484	312	1,186		
Bid & Award		5	5	5	5	5	6	8	29		
Construction		490	200	490	200	200	510	800	2,200		
TOTAL		695	300	695	300	300	1,000	1,120	3,415		
			FUN	IDING SO	URCE SC	HEDULE ((000'S)	-11		1-1/5	
Sanitary Sewer Connection Fee Fund		695	300	695	300	300	1,000	120	2,415		
Sewer Service And Use Charge Capital Improvement Fund								1,000	1,000		
TOTAL		695	300	695	300	300	1,000	1,120	3,415		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:

Ongoing

Redevelopment Area:

N/A

Initial Project Budget:

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

3. 60" Brick Interceptor, Ph IB

CSA:

Environmental and Utility Services

Initial Start Date: 1st Qtr. 2003

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date: 3rd Qtr. 2001

Department:

Public Works

Initial Completion Date: 4th Qtr. 2005

Council District:

.

Revised Completion Date:

TBD*

Location:

Zanker Road, north of Agnews Hospital and Fourth Street from U.S. Highway 101 to

Commercial Street

Description:

This project constructs 72" and 84" diameter reinforced concrete PVC-lined pipe. Phase 1B consists of 1.4 miles located near Zanker Road from Agnews State Hospital. Phase VIA from U.S. Highway 101 to Commercial Street is a potential project, pending further evaluation of peak wet and peak dry weather flows that are projected for the Phase VI reach of the interceptor system.

Justification:

This program is required in order to rehabilitate a structurally deficient brick sewer and provide

redundant capacity for maintenance activities.

		E	XPENDIT	URE SCH	EDULE (0	00'S)				
Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
0.000	700	700				-				700
	No. 1000 100 100 100 100 100 100 100 100 1	100000000000000000000000000000000000000								3,121
The same of the same of the		and the second second second second	900	180				1 080		31,078
9		10,017	500	20				20		29
12,513	21,324	21,324	900	200				1,100		34,937
14,500		FUN	IDING SO	URCE SCI	HEDULE (000'S)			N. E.	- 29 7
186										186
12,327	21,324	21,324	900	200				1,100		34,751
12,513	21,324	21,324	900	200				1,100		34,937
	1,019 4 11,481 9 12,513 186 12,327	Years Appn. 700 1,019 2,102 4 5 11,481 18,517 9 12,513 21,324 186 12,327 21,324	Prior 2003-04 Years Appn. 2003-04 Years Appn. 700 700 1,019 2,102 2,102 4 5 5 11,481 18,517 9 12,513 21,324 21,324 FUN 186 12,327 21,324 21,324	Prior Years Appn. Estimate 700 700 1,019 2,102 2,102 4 5 5 11,481 18,517 18,517 900 12,513 21,324 21,324 900 186 12,327 21,324 21,324 900	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 1,019 2,102 2,102 4 5 5 11,481 18,517 18,517 900 180 20 12,513 21,324 21,324 900 200 FUNDING SOURCE SOI 186 12,327 21,324 21,324 900 200	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 2006-07 1,019 2,102 2,102 4 5 5 11,481 18,517 18,517 900 180 20 12,513 21,324 21,324 900 200 EUNDING SOURCE SCHEDULE (186 12,327 21,324 21,324 900 200	Years Appn. Estimate 700 700 700 1,019 2,102 2,102 4 5 5 11,481 18,517 18,517 900 180 9 20 FUNDING SOURCE SCHEDULE (0000'S) 186 12,327 21,324 21,324 900 200	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 2006-07 2007-08 2008-09 1,019 2,102 2,102 4 5 5 5 11,481 18,517 18,517 900 180 20 20 12,513 21,324 21,324 900 200 EUNDING SOURCE SCHEDULE (000'S) 186 12,327 21,324 21,324 900 200	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 2006-07 2007-08 2008-09 5-Year Total 1,019 2,102 2,102 4 5 5 5 11,481 18,517 18,517 900 180 20 1,080 20 12,513 21,324 21,324 900 200 1,100 1,100 EUNDING SOURCE SCHEDULE (000'S)	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 2006-07 2007-08 2008-09 5-Year Total Beyond 5-Year 1,019 2,102 2,102 4 5 5 5 11,481 18,517 18,517 900 180 20 1,080 20 12,513 21,324 21,324 900 200 1,100 1,100 EUNDING SOURCE SCHEDULE (000'S)

None

Major Changes in Project Cost:

2000-2004 CIP - increased \$6.5 million to address scope changes and construction costs. 1999-2003 CIP - increased \$5.3 million to address scope changes and construction costs. 1996-2000 CIP - increased \$2.5 million to address scope changes and construction costs. 1994-1998 CIP - increased \$10 million to address scope changes and construction costs.

Notes:

* The Initial/Revised Start Dates and Initial/Revised End Dates are for Phase 1B of the project. The completion date will be determined as part of the potential design-build process.

FY Initiated:

1994-1995

Redevelopment Area:

N/A

Initial Project Budget:

\$10,442,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

4. 60" Reinforced Concrete Pipe, Ph VB

CSA:

Environmental and Utility Services

Initial Start Date: 1st Qtr. 2003

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 2nd Qtr. 2005

Council District:

, abiio

Revised Completion Date:

Location:

Zanker Road from Trimble Road to Old Bayshore

Frontage Road

Description:

This project rehabilitates approximately 8,000 linear feet of 54" diameter reinforced concrete pipe (RCP), 120 linear feet of 60" diameter RCP, 7,000 linear feet of 78" diameter RCP, and 1,300 linear

feet of 84" diameter RCP with a cured-in-place pipe (CIPP) rehabilitation lining process.

Justification:

This project is required due to the structural deterioration of existing sewers caused by hydrogen

sulfide corrosion.

			E	XPENDIT	URE SCH	EDULE (0	00'S)				
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design Bid & Award	517	60	60 3								577 10
Construction	3,830		3,480	150					150		7,460
TOTAL	4,354	3,543	3,543	150					150		8,047
		1	FUN	IDING SO	URCE SC	HEDULE ((000'S)		1.50		
Sanitary Sewer Connection Fee Fund	4,239)									4,239
Sewer Service And Use Charge Capital Improvement Fund	115	3,543	3,543	150					150		3,808
TOTAL	4,354	3,543	3,543	150					150		8,047
	I Sux	150	AUNUA	L OPERA	TING BU	OGET IMP	ACT (000'	S)			

None

Major Changes in Project Cost:

1990-1991 CIP - decrease of \$13.9 million to reflect actual expenditures and project scope changes.

1991-1992 CIP - increase of \$2.9 million to reflect change in construction costs.

1994-1995 CIP - increase of \$2.5 million to reflect change in construction costs.

1999-2000 CIP - increase of \$1.4 million to reflect increase in construction costs.

2000-2001 CIP - decrease of \$12.5 million to reflect completed phases and changes in construction costs.

Notes:

Calendar Year Initial/Revised Start Dates and Initial Revised End Dates are for Phase VB of the project.

FY Initiated:

1987-1988

Redevelopment Area:

N/A

Initial Project Budget:

\$26,800,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

5. 84" RCP Interceptor, Ph VB, Ph VIB, Ph VII, & Ph VIIA

CSA:

Environmental and Utility Services

Initial Start Date: 1st Qtr. 2003

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 3rd Qtr. 2004

Council District:

1

Period Completion Date: 2nd Otr 2005

Location:

4

Revised Completion Date: 2nd Qtr. 2005

Trimble Road to Old Bayshore Highway

Description: This project rehabilitates approxim

This project rehabilitates approximately 8,150 linear feet of 84" diameter reinforced concrete pipe with an in-place pipe liner located on Zanker Road from Trimble Road to Highway 101. Phase VB is located north of Highway 101 and Phase VI is located south of Highway 101. Phases VII and VIIA

are located on 5th Street between Empire Street and Commercial Street.

Justification:

This project is required to rehabilitate a structurally deficient brick sewer and provide capacity for

maintenance.

PER LE MARKET		BY THE	E	XPENDIT	URE SCH	EDULE (0	00'S)		4	WET.	44.11
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development		50	50				130		130		180
Design		460	460			93	460		553		1,013
Bid & Award		10	10	8		7	10		25		35
Construction		5,480	4,780	4,442		900	7,400		12,742		17,522
TOTAL		6,000	5,300	4,450		1,000	8,000		13,450		18,750
RANCHAR OF A			FUN	IDING SO	URCE SC	HEDULE ((000'S)				
Sewer Service And Use Charge Capital Improvement Fund		6,000	5,300	4,450		1,000	8,000		13,450		18,750
TOTAL		6,000	5,300	4,450		1,000	8,000		13,450		18,750
			ANNUA	L OPERA	TING BUD	GET IMP	ACT (000'	S)	11.1		
None											

None

Major Changes in Project Cost:

2005-2009 CIP - increase of \$4.6 million to address increased construction costs.

Notes

The Initial/Revised Start Dates and Intial/Revised End Dates are for Phase VB of the project.

FY Initiated:

2002-2003

Redevelopment Area:

N/A

Initial Project Budget:

\$14,150,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

6. East San José

CSA:

Environmental and Utility Services

Initial Start Date: 4th Qtr. 2003

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date: 1st Qtr. 2003

Department:

Public Works

Initial Completion Date: 2nd Qtr. 2005

Council District:

3 5

Revised Completion Date: 4th Qtr. 2005

Location:

Various streets on the east side of San José

Description:

This project funds the replacement of 6" and 8" diameter vitrified clay pipe (VCP) on various residential streets in the East San José area. This area is bounded by Highway 101, Coyote Creek,

Las Plumas Avenue, Jackson Avenue, and Story Road.

Justification:

This project is required due to structural deterioration of existing sewers.

7			E	XPENDIT	URE SCH	EDULE (0	00'S)				
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development Design	30 173	136	5 136						22		35 309
Bid & Award Construction Post Construction	25 2,550 5			10 1,121	90 10				10 1,211 10		35 3,761 15
TOTAL	2,783	141	141	1,131	100				1,231		4,155
	40.75		FUN	IDING SO	URCE SC	HEDULE ((000'S)				
Sewer Service And Use Charge Capital Improvement Fund	2,783	141	141	1,131	100				1,231		4,155
TOTAL	2,783	141	141	1,131	100				1,231		4,155

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

None

Notes:

The Initial/Revised Start Dates and Initial/Revised End Dates are for Phase III of the project.

FY Initiated:

1997-1998

Redevelopment Area:

N/A

Initial Project Budget:

\$4,136,000

SNI Area:

East Valley/680 Five Wounds/ **Brookwood Terrace**

Mayfair

Thirteenth Street

University Poco Way

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

7. Forest-Rosa Sewer

CSA:

Environmental and Utility Services

Initial Start Date: 3rd Qtr. 2004

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 4th Qtr. 2006

Council District:

6

Revised Completion Date: 3rd Qtr. 2006

Location:

Forest Avenue from O'Conner Drive to Cypress Avenue; Hedding Street from Myrtle Street to

Bascom Avenue

Description:

This project funds the rehabilitation of 30" and 42" diameter reinforced concrete pipe with an in-place liner. Phase IV extends 5,700 linear feet on Forest Avenue from O'Connor Drive to Cypress Avenue. Phase V extends 5,300 linear feet on Hedding Street from Myrtle Street to Bascom Avenue, and 2,560 linear feet through an easement in the VTA yard between Guadalupe Parkway and First

Street.

Justification:

This project is required due to structural deterioration caused by the effects of hydrogen sulfide gas.

			E	XPENDIT	URE SCH	EDULE (0	00'S)				4.51
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development				12					12		12
Design	367	5		179					179		546
Bid & Award	33	6			14				14		47
Construction	5,128	77	78	15	2,393				2,408		7,614
Post Construction	10	į.				8			8		18
TOTAL	5,538	77	78	206	2,407	8			2,621	7	8,237
	Kl-45		FUN	IDING SO	URCE SC	HEDULE ((000'S)	7415			" - "
Sanitary Sewer Connection Fee Fund	2,006										2,006
Sewer Service And Use Charge Capital Improvement Fund	3,532	77	78	206	2,407	8			2,621		6,231
TOTAL	5,538	77	78	206	2,407	8			2,621		8,237

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

2005-2009 CIP - increase of \$1 million to Phase V to address increased construction costs.

2003-2007 CIP - decrease of \$600,000 to reflect revised project estimates.

1997-2001 CIP - increase of \$4.5 million due to change in scope and construction costs.

Notes

The Initial/Revised Start Dates and Initial Revised End Dates are for Phase V of the project.

FY Initiated:

1994-1995

Redevelopment Area:

N/A

Initial Project Budget:

\$5,335,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

8. Fourth Interceptor, Ph VI & VII

CSA:

Environmental and Utility Services

Initial Start Date: 1st Qtr. 2005

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 2nd Qtr. 2008

Council District:

2

Revised Completion Date:

Location:

Fourth and Commercial Streets to Seventh and

Empire Streets

Description:

This allocation funds the construction of approximately 10,000 linear feet of 60" diameter reinforced

concrete PVC-lined pipe from Fourth and Commercial Streets to Seventh and Empire Streets.

Justification:

This project is required to provide capacity to divert sewage from existing interceptors, enabling inspection and maintenance, and to provide capacity for the ultimate development of the service

area.

			E	XPENDIT	URE SCH	EDULE (0	00'S)	F1 1			
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design Bid & Award	10,655 34			950	2,000	10	1,500	7	4,450 17		15,105 51
Construction Post Construction	44,448		493 20			10,020	2,000	8,993	21,013		65,954 20
TOTAL	55,137	513	513	950	2,000	10,030	3,500	9,000	25,480		81,130
			FUN	IDING SO	URCE SC	HEDULE (000'S)				
Sanitary Sewer Connection Fee Fund	43,631	234	234								43,865
Sewer Service And Use Charge Capital Improvement Fund	11,506	279	279	950	2,000	10,030	3,500	9,000	25,480		37,265
TOTAL	55,137	513	513	950	2,000	10,030	3,500	9,000	25,480		81,130

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

2005-2009 CIP - increased \$9 million to reflect new phase scheduled in 2008-2009.

2002-2006 CIP - increased \$22.5 million to reflect additional construction phases of this project.

2000-2004 CIP - increased \$6 million to address scope changes and construction costs.

1997-2001 CIP - increased \$4 million to address scope changes and construction costs.

Pre 1994-1998 CIP - increases in project costs reflect additional phases and related construction costs.

Notes:

The Initial/Revised Start Dates and Initial/Revised End Dates are for Phase VI of the project.

FY Initiated:

1984-1985

Redevelopment Area:

N/A

Initial Project Budget:

\$7,966,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

9. Fourth Ward Area

CSA:

Environmental and Utility Services

Initial Start Date: 1st Qtr. 2004

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 2nd Qtr. 2005

Council District:

3, 6, 7

Revised Completion Date: 1st Qtr. 2005

Location:

Fourth Ward Neighborhood

Description:

This project funds the analysis and improvement of the sanitary sewer system within the Fourth

Ward Neighborhood to meet current capacity and condition standards.

Justification:

This project is required due to structural deterioration of existing sewers caused by the effects of

hydrogen sulfide gas.

Market Market			E	XPENDIT	URE SCH	EDULE (0	00'S)		9.74		
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development Design Bid & Award	55 22		253 3		,						55 275 3
Construction		2,497	1,601	896					896		2,497
TOTAL	77	2,753	1,857	896					896		2,830
		24-1	FUN	IDING SO	URCE SC	HEDULE ((000'S)				
Sewer Service And Use Charge Capital Improvement Fund	77	2,753	1,857	896					896		2,830
TOTAL	77	2,753	1,857	896					896		2,830
The State of Land			ANNUA	L OPERA	TING BUD	OGET IMP	ACT (000'	S)		×	

None

Major Changes in Project Cost:

None

Notes:

FY Initiated:

2002-2003

Initial Project Budget:

\$2,980,000

Appn. #:

4398

Redevelopment Area:

SNI Area:

N/A

Burbank/Del Monte Washington

Gardner/Atlanta Josefa/Auzerais

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

10. Hester-Naglee Area

CSA:

Environmental and Utility Services

Initial Start Date: 3rd Qtr. 2002

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 4th Qtr. 2004

Council District:

3, 6

Revised Completion Date:

Location:

Area bounded by Coleman Avenue, Interstate 880, Bascom Avenue, San Carlos Street, and the

Guadalupe River

Description:

This project rehabilitates sanitary sewer mains within an area bounded by Coleman Avenue,

Interstate 880, Bascom Avenue, San Carlos Street, and the Guadalupe River.

Justification:

This project is required due to structural deterioration of existing sewers.

			E	XPENDIT	URE SCH	EDULE (0	00'S)				
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development Design Bid & Award Construction	15 113		70 5 1,332	565					565		15 183 5 1,897
TOTAL	128	1,872	1,407	565					565		2,100
		114.	FUN	IDING SO	URCE SC	HEDULE	(000'S)				
Sewer Service And Use Charge Capital Improvement Fund	128	1,872	1,407	565					565		2,100
TOTAL	128	1,872	1,407	565					565		2,100
			ANNUA	L OPERA	TING BUI	OGET IMP	ACT (000	S)			

ANNUAL	OPERATING BUDGET IMP	ACT (000'S)
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None

Major Changes in Project Cost:

None

Notes:

FY Initiated:

2002-2003

Redevelopment Area:

N/A

Initial Project Budget:

\$2,100,000

SNI Area:

Burbank/Del Monte Josefa/Auzerais

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

11. Hobson-Walnut Area

CSA:

Environmental and Utility Services

Initial Start Date: 3rd Qtr. 2004

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 1st Qtr. 2007

Council District:

TBD

Revised Completion Date:

Location:

Area bounded by Coleman Avenue, Interstate

880, and the Guadalupe River

Description:

This project funds the analysis and improvement of the sanitary sewer system within an area

bounded by Coleman Avenue, Interstate 880, and the Guadalupe River to meet current capacity and

condition standards.

Justification:

This project is required due to structural deterioration of aging sewers.

			E	XPENDIT	URE SCH	EDULE (0	00'S)				
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design Bid & Award Construction				100	10 990				100 10 990		100 10 990
TOTAL			-1-477-	100	1,000				1,100		1,100
LEGHTER OF		- 100	FUN	IDING SO	URCE SC	HEDULE ((000'S)	VIII N	A		1,144
Sewer Service And Use Charge Capital Improvement Fund				100	1,000				1,100		1,100
TOTAL				100	1,000				1,100		1,100
			ANNUA	L OPERA	TING BUE	GET IMP	ACT (000'	S)		7 T. T.	

None

Major Changes in Project Cost:

None

2005-2009 CIP - decrease of \$150,000 to reflect revised estimate of project construction costs.

FY Initiated:

2004-2005

Redevelopment Area:

N/A

Initial Project Budget:

\$1,250,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

12. Infiltration Reduction

CSA:

Environmental and Utility Services

Initial Start Date:

Ongoing

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date:

Ongoing

Council District:

City-wide

Revised Completion Date:

Location:

City-wide

Description:

The Inflow and Infiltration (I&I) Reduction Program is a key element of the Environmental and Utility Services CSA Business Plan. The I&I Reduction projects rehabilitate sanitary sewers and manholes that have groundwater or storm water penetration. The Flow Monitoring Program and maintenance reports from the Department of Transportation identify sewers ranging from 6" to 36" diameter in

various locations throughout the City that require rehabilitation.

Justification:

This allocation is required to reduce infiltration of groundwater into the sanitary sewer collection systems, thereby reducing the volume of effluent discharged by the San José/Santa Clara Water

Pollution Control Plant.

			E	XPENDIT	URE SCH	EDULE (0	00'S)				
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development		40	40	10	10	30	30	30	110		
Design		550	150	447	47	300	300	300	1,394		
Bid & Award		17		20	3	7	7	7	44		
Construction		4,311	1,978	2,833	500	893	893	893	6,012		
TOTAL		4,918	2,168	3,310	560	1,230	1,230	1,230	7,560		
			FUN	IDING SO	URCE SC	HEDULE ((000'S)				
Sanitary Sewer Connection Fee Fund		2,218	1,218	1,560	560	430	430		2,980		
Sewer Service And Use Charge Capital Improvement Fund		2,700	950	1,750		800	800	1,230	4,580		
TOTAL		4,918	2,168	3,310	560	1,230	1,230	1,230	7,560		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:

Ongoing

Redevelopment Area:

N/A

Initial Project Budget:

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

13. Julian-Sunol Sewer

CSA:

Environmental and Utility Services

Initial Start Date: 1st Qtr. 2002

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 4th Qtr. 2004

Council District:

3

Revised Completion Date:

Location:

Basset Street and San Pedro Street to N. Almaden Boulevard and St. John Street

Description:

This project rehabilitates 30", 48", and 54" diameter reinforced concrete pipe (RCP) with an in-place liner. Phase I rehabilitated 5,000 linear feet of 30" diameter RCP located on Lincoln Avenue and Montgomery Street. Phase II rehabilitated 2,900 linear feet of 36" diameter RCP located on Autumn Street from Park Avenue to St. John Street. Phase III rehabilitates 470 linear feet of 48" diameter RCP and 1,800 linear feet of 54" RCP located on Basset Street between San Pedro and Terraine Streets, Terraine Street between Basset and St. John Streets, and St. John Street between Terraine

Street and Almaden Boulevard.

Justification:

This project is required due to structural deterioration caused by the effects of hydrogen sulfide gas.

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design	306	200	200								506
Bid & Award	20	10	10								30
Construction	3,545	1,187	1,087	92					92		4,724
Post Construction	10		0000000	8					8		18
TOTAL	3,881	1,397	1,297	100					100	· · · · · · · · · · · · · · · · · · ·	5,278
			FUN	IDING SO	URCE SC	HEDULE ((000'S)	44.5	- 72	100	.5. 11
Sanitary Sewer Connection Fee Fund	3,881	1,397	1,297	100					100		5,278
TOTAL	3,881	1,397	1,297	100					100		5,278
		No. of the	ANNUA	L OPERA	TING BUD	GET IMP	ACT (000'	S)		TETT	

None

Major Changes in Project Cost:

2000-2004 CIP - increase of \$1.8 million due to the inclusion of Phase III in this project.

Notes:

Calendar Year Initial/Revised Start Dates and Initial/Revised End Dates are for Phase III of the project.

FY Initiated:

1993-1994

Redevelopment Area:

N/A

Initial Project Budget:

\$3,485,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

14. Miscellaneous Rehabilitation Projects

CSA:

Environmental and Utility Services

Initial Start Date:

Ongoing

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date:

Ongoing

Council District:

City-wide

Revised Completion Date:

Location:

City-wide

Description:

This ongoing allocation rehabilitates sanitary sewers that exhibit structural deterioration, corrosion, sagging, joint separation, cracking, blockage, and stoppage. The program projects are developed based on input from the Department of Transportation maintenance and repair records, flow

monitoring, consultant studies, staff input, and field observations.

Justification:

This allocation is required due to structural deterioration of aging sewers.

			E	XPENDIT	URE SCH	EDULE (0	00'S)				
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design Bid & Award Construction		1,000 30 7,017	785 20 4,742	500 20 3,730	249 10 1,826	235 10 1,755	220 10 2,500	200 10 2,395	1,404 60 12,206		
TOTAL		8,047	5,547	4,250	2,085	2,000	2,730	2,605	13,670		
		n N. V.	FUN	IDING SO	URCE SC	HEDULE ((000'S)				
Sanitary Sewer Connection Fee Fund Sewer Service And Use Charge Capital Improvement Fund		8,047	5,547	4,250	2,085	2,000	2,730	2,605	13,670		
TOTAL		8,047	5,547	4,250	2,085	2,000	2,730	2,605	13,670		
100	7		ANNUA	L OPERA	TING BUD	GET IMP	ACT (000'	S)	TKE		

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:

Ongoing

Redevelopment Area:

N/A

Initial Project Budget:

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

15. Monterey-Riverside Sewer

CSA:

Environmental and Utility Services

Initial Start Date: 3rd Qtr. 2004

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 1st Qtr. 2007

Council District:

2

Revised Completion Date:

Location:

Various streets from Chynoweth Avenue at Lean Avenue to Santa Teresa Boulevard at Bernal

Road

Description:

This project rehabilitates approximately 31,000 linear feet of sanitary sewer with an in-place liner. Phase V rehabilitates approximately 2,700 linear feet of 24" RCP and approximately 4,200 linear feet

of 27" RCP.

Justification:

This project is required due to structural deterioration caused by the effects of hydrogen sulfide gas.

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development				23					23		23
Design	363	15	15	290	15				305		683
Bid & Award	13	5	5		5				5		23
Construction	3,304	3,114	3,014	190	2,000				2,190		8,508
Post Construction	8			10	24				34		42
TOTAL	3,688	3,134	3,034	513	2,044				2,557		9,279
The development of			FUN	IDING SO	URCE SCI	HEDULE (000'S)	74.54		191.V	
Sanitary Sewer Connection Fee Fund	3,648	1,040	990	50					50		4,688
Sewer Service And Use Charge Capital Improvement Fund	40	2,094	2,044	463	2,044				2,507		4,591
TOTAL	3,688	3,134	3,034	513	2,044				2,557		9,279

Major Changes in Project Cost:

None

None

Notes:

Calendar Year Initial/Revised Start Dates and Initial/Revised End Dates are for Phase V of the project.

FY Initiated:

1999-2000

Redevelopment Area:

N/A

Initial Project Budget:

\$8,548,000

SNI Area:

N/A

Appn. #:

4162, 4401

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

16. Rosemary Area

CSA:

Environmental and Utility Services

Initial Start Date: 3rd Qtr. 2002

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 2nd Qtr. 2006

Council District:

Location:

Revised Completion Date: 3rd Qtr. 2006

Description:

Area Bounded by the Guadalupe River, Airport Parkway, Highway 101, and Hedding Street

This project consists of the investigation and rehabilitation of sanitary mains within an area bounded

by the Guadalupe River, Airport Parkway, Highway 101, North 10th Street, and Hedding Street.

Justification:

This project is required due to structural deterioration of existing sewers.

			E	XPENDIT	URE SCH	EDULE (0	00'S)			THE STATE	
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development	40)									40
Design		60	24	86					86		110
Bid & Award					5				5		5
Construction					1,085				1,085		1,085
TOTAL	40	60	24	86	1,090				1,176		1,240
	1761		FUN	IDING SO	URCE SC	HEDULE ((000'S)				
Sewer Service And Use Charge Capital Improvement Fund	40	60	24	86	1,090				1,176		1,240
TOTAL	40	60	24	86	1,090				1,176		1,240

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

None

Notes:

FY Initiated:

2002-2003

Redevelopment Area:

N/A

Initial Project Budget:

\$1,200,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

17. San Tomas Aquino Creek Trunk

CSA:

Environmental and Utility Services

Initial Start Date: 3rd Qtr. 2004

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 1st Qtr. 2006

Council District:

1

Revised Completion Date:

Location:

San Tomas Aquino Creek from Keith Drive to

State Route 85

Description:

This project includes the rehabilitation of 8,250 linear feet of 21" and 34" RCP sanitary sewer with an

in-place liner. Phase III, located on San Tomas Aquino Creek from Silacci Drive to State Route 85,

extends 3,900 linear feet.

Justification:

This project is required due to structural deterioration caused by the effects of hydrogen sulfide gas.

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development	47	0									47
Design	70	310	50	260					260		380
Bid & Award	7			10					10		17
Construction	592	653	213	1,061	236				1,297		2,102
Post Construction	6			10	15				25		31
TOTAL	722	963	263	1,341	251				1,592		2,577
NEW YELV D			FUN	DING SO	URCE SC	HEDULE (000'S)				
Sewer Service And Use Charge Capital Improvement Fund	722	963	263	1,341	251				1,592		2,577
TOTAL	722	963	263	1,341	251				1,592		2,577
P. C. Williams		7"	ANNUA	L OPERA	TING BUD	GET IMP	ACT (000"	S)			

Major Changes in Project Cost:

2000-2004 CIP - increased \$700,000 to address increased project scope and construction costs.

Notes:

Calendar Year Initial/Revised Start Dates and Initial/Revised End Dates are for Phase III of the project.

FY Initiated:

1998-1999

Redevelopment Area:

N/A

Initial Project Budget:

\$1,639,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

18. San Tomas Expressway Trunk

CSA:

Environmental and Utility Services

Initial Start Date: 3rd Qtr. 2001

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Initial Completion Date: 2nd Qtr. 2005

Council District:

Revised Completion Date:

Location:

San Tomas Expressway between Williams Avenue and Campbell Avenue, and Coakley Drive and Vicar Lane between Moorpark and Williams

Avenues.

Public Works

Description:

This project rehabilitates approximately 100 linear feet of 30-inch diameter reinforced concrete pipe (RCP), 4,600 linear feet of 36" diameter RCP, and 6,400 linear feet of 39" diameter RCP. This

project, which includes a siphon, will be rehabilitated by a cured-in-place pipe method.

Justification:

This project is required due to structural deterioration caused by the effects of hydrogen sulfide gas.

			E	XPENDIT	URE SCH	EDULE (0	00'S)				
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development Design Bid & Award	84 322 10	420	420 30								84 742 40
Construction	1,956	3,215	2,815	475					475		5,246
TOTAL	2,372	3,665	3,265	475					475		6,112
			FUN	IDING SO	URCE SC	HEDULE ((000'S)				4.5
Sanitary Sewer Connection Fee Fund	2,372	3,665	3,265	475					475		6,112
TOTAL	2,372	3,665	3,265	475					475		6,112
7 7 7 7 7 7 7	11	PV. 37	ANNUA	L OPERA	TING BUD	GET IMP	ACT (000'	S)	F 1 -		Y E TO

None

Major Changes in Project Cost:

2001-2005 CIP - decrease of \$500,000 to reflect updated construction estimates. 1999-2003 CIP - increase of \$2.3 million to reflect updated construction estimates.

Notes:

Calendar Year Initial/Revised Start Dates and Initial/Revised End Dates are for Phase II of the project.

FY Initiated:

1998-1999

Redevelopment Area:

N/A

Initial Project Budget:

\$4,791,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

19. Third Ward Area

CSA:

Environmental and Utility Services

Initial Start Date: 1st Qtr. 2004

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 1st Qtr. 2005

Council District:

3 7

Revised Completion Date:

Location:

Third Ward Neighborhood

Description:

This project funds the analysis and improvement of the sanitary sewer system within the Third Ward neighborhood to meet current capacity and condition standards.

Justification:

This project is required due to structural deterioration of existing sewers caused by hydrogen sulfide

30 1 A A CO - NO	EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total	
Development Design Bid & Award Construction	64		263 3 1,701	796					796		64 266 3 2,497	
TOTAL	67	2,763	1,967	796					796		2,830	
N. P. W. W. W. C.	ALK.		FUN	IDING SO	URCE SC	HEDULE ((000'S)	-	TO CO			
Sewer Service And Use Charge Capital Improvement Fund	67	2,763	1,967	796					796		2,830	
TOTAL	67	2,763	1,967	796					796		2,830	
	W. T. E.	LOPEN'S	ANNUA	L OPERA	TING BUD	GET IMP	ACT (000'	S)				

None

Major Changes in Project Cost:

None

Notes:

FY Initiated:

Appn. #:

2002-2003

Initial Project Budget:

\$2,980,000

4403

Redevelopment Area:

SNI Area:

N/A

Spartan/Keyes Tully/Senter

University

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

20. Trimble-Morrill Sewer

CSA:

Environmental and Utility Services

Initial Start Date: 3rd Qtr. 2002

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 3rd Qtr. 2004

Council District:

1

Revised Completion Date:

Location:

Trimble Road from Zanker Road to Ringwood

Avenue

Description:

This project rehabilitates 24" diameter reinforced concrete pipe with an in-place liner. Phase I:

Trimble Road from Zanker Road to McCarthy Boulevard (4,800 linear feet), Phase II: Trimble Road

from McCarthy Boulevard to Ringwood Avenue (5,400 linear feet).

Justification:

This project is required due to structural deterioration caused by the effects of hydrogen sulfide gas.

	EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design Bid & Award	297										297 10
Construction Post Construction	79	2,777	2,577	200 20					200 20		2,856 20
TOTAL	386	2,777	2,577	220					220		3,183
The State of	FMS.	EW	FUN	IDING SO	URCE SC	HEDULE	(000'S)				
Sewer Service And Use Charge Capital Improvement Fund	386	2,777	2,577	220					220		3,183
TOTAL	386	2,777	2,577	220					220		3,183
	U. N. 15		ANNUA	L OPERA	TING BUD	GET IMP	ACT (000'	S)			

None

Major Changes in Project Cost:

2004-2006 CIP - decrease of \$1 million to reflect Phase II actual construction costs. 2002-2006 CIP - decrease of \$600,000 to reflect Phase I actual construction costs.

Notes:

Calendar Year Initial/Revised Start Dates and Initial/Revised End Dates are for Phase II of the project.

FY Initiated:

2000-2001

Redevelopment Area:

N/A

Initial Project Budget:

\$5,394,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

21. Willow-Union Trunk Sewer

CSA:

Environmental and Utility Services

Initial Start Date: 3rd Qtr. 2004

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date: 2nd Qtr. 2007

Council District:

TBD

Revised Completion Date:

Location:

Area bounded by Bascom Avenue and Union

Avenue

Description:

This project rehabilitates approximately 7,600 linear feet of 24" diameter reinforced concrete pipe with an in-place liner within an area bounded by Bascom Avenue and Union Avenue from 500 linear

feet north of Dry Creek to Camden Avenue.

Justification:

This project is required due to structural deterioration of existing sewers.

	EXPENDITURE SCHEDULE (000'S)										10.5
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design Bid & Award				120	10	994			120 10		120
Construction Post Construction					3,490	100 20			3,590 20		3,590 20
TOTAL				120	3,500	120			3,740		3,740
NAME OF STREET	15 19		FUN	IDING SO	URCE SC	HEDULE ((000'S)				
Sewer Service And Use Charge Capital Improvement Fund				120	3,500	120			3,740		3,740
TOTAL				120	3,500	120			3,740		3,740
BANKS TO SERVE	TI KN	-0.71	ANNUA	L OPERA	TING BUD	GET IMP	ACT (000'	S)	7	A POLICE	

None

Major Changes in Project Cost:

None

Notes:

FY Initiated:

2004-2005

Redevelopment Area:

N/A

Initial Project Budget:

\$3,740,000

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

22. Fee Administration

CSA:

Environmental and Utility Services

Initial Start Date:

Ongoing

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date:

Ongoing

Council District:

N/A

Location:

N/A

Revised Completion Date:

Description:

This allocation provides funding for the Public Works Development Program to collect Sanitary

Sewer Connection Fees.

Justification:

This allocation is necessary to pay for the actual cost of collecting fees.

	EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Program Management		57	57	60	63	66	68	69	326		
TOTAL		57	57	60	63	66	68	69	326		
		45.1	FUN	IDING SO	URCE SC	HEDULE ((000'S)				
Sanitary Sewer Connection Fee Fund		57	57	60	63	66	68	69	326		
TOTAL		57	57	60	63	66	68	69	326		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:

Ongoing

Redevelopment Area:

N/A

Initial Project Budget:

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

23. Flow Monitoring Program (Master Planning)

CSA:

Environmental and Utility Services

Initial Start Date:

Ongoing

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date:

Ongoing

Council District:

City-wide

Revised Completion Date:

Location:

City-wide

Description:

This project funds the establishment of a city-wide sanitary sewer master plan. The master plan is intended to study and develop a system to identify capacity improvement needs. The Sanitary Sewer System is divided into five areas - North, South, Central, East, and West. Currently, a Sanitary Sewer System Master Plan is being developed for the North, South, and Central areas. This plan was completed in June 2004. Sanitary Sewer master planning for the East and West areas is anticipated to begin in future fiscal years. Ongoing funding will provide for future updates and flow analysis.

Justification:

This project is necessary to isolate the sanitary sewer system for master planning, sewage flow diversions, and system analysis for the collection system and the Water Pollution Control Plant.

		EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total	
Master Plan/Study		2,045	2,045	1,050	150	150	150	150	1,650			
TOTAL		2,045	2,045	1,050	150	150	150	150	1,650			
			FUN	IDING SO	URCE SC	HEDULE ((000'S)					
Sanitary Sewer Connection Fee Fund		1,570	1,570	900					900			
Sewer Service And Use Charge Capital Improvement Fund		475	475	150	150	150	150	150	750			
TOTAL		2,045	2,045	1,050	150	150	150	150	1,650			
			ANIMILIA	LODEDA	TING BUE			2				

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:

Ongoing

Redevelopment Area:

N/A

Initial Project Budget:

SNI Area:

N/A

Appn. #:

4696, 4964

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

24. Geographic Information System (GIS)

CSA:

Environmental and Utility Services

Initial Start Date:

Ongoing

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date:

Ongoing

Council District:

City-wide

Revised Completion Date:

Location:

City-wide

Description:

This ongoing allocation funds the prorated contribution for staff and consultant support for the computerized Geographic Information System (GIS). This system is used for tracking, monitoring,

accessing, analyzing, and managing Sanitary Sewer projects.

Justification:

This allocation ensures cost-effective, timely, and reliable delivery of Sanitary Program projects.

4 160		100	E	XPENDIT	URE SCH	EDULE (0	00'S)				
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Program Management		84	84	35	36	37	38	39	185		
TOTAL		84	84	35	36	37	38	39	185		
	100		FUN	IDING SO	URCE SC	HEDULE ((000'S)				120
Sanitary Sewer Connection Fee Fund		34	34	35	36	37	38	39	185		
Sewer Service And Use Charge Capital Improvement Fund		50	50								
TOTAL		84	84	35	36	37	38	39	185		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:

Ongoing

Redevelopment Area:

N/A

Initial Project Budget:

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

25. Payments to West Valley Sanitation District

CSA:

Environmental and Utility Services

Initial Start Date:

Ongoing

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date:

Ongoing

Council District:

N/A

Revised Completion Date:

Location:

N/A

Description:

This allocation reimburses the West Valley Sanitation District for the City's share of potential joint

sanitary sewer projects within their jurisdiction.

Justification:

This allocation will fund rehabilitation projects required due to structural deterioration.

EXPENDITURE SCHEDULE (000'S)												
Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total		
	10	10	10	10	10	10	10	50		3		
	10	10	10	10	10	10	10	50				
		FUN	IDING SO	URCE SC	HEDULE (000'S)						
	10	10	10	10	10	10	10	50				
	10	10	10	10	10	10	10	50				
		Years Appn. 10 10	Prior 2003-04 Years Appn. 2003-04 Estimate 10 10 10 10 FUN	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 10 10 10 10 10 10 FUNDING SOIT 10 10 10	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 10 10 10 10 10 10 10 10 FUNDING SOURCE SCI 10 10 10 10	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 2006-07 10 10 10 10 10 10 FUNDING SOURCE SCHEDULE (10) 10 10 10 10	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 2006-07 2007-08 10 10 10 10 10 10 10 FUNDING SOURCE SCHEDULE (000'S) 10 10 10 10 10 10	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 2006-07 2007-08 2008-09 10 10 10 10 10 10 10 10 FUNDING SOURCE SCHEDULE (000'S) 10 10 10 10 10 10 10	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 2006-07 2007-08 2008-09 5-Year Total 10 10 10 10 10 10 10 50 FUNDING SOURCE SCHEDULE (000'S) 10 10 10 10 10 10 50	Prior Years 2003-04 Appn. 2003-04 Estimate 2004-05 2005-06 2006-07 2007-08 2008-09 5-Year Total Beyond 5-Year 10 10 10 10 10 10 10 50 FUNDING SOURCE SCHEDULE (000'S) 10 10 10 10 10 10 50		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:

Ongoing

Redevelopment Area:

N/A

Initial Project Budget:

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

26. Permit Review and Inspection for Outside Agencies

CSA:

Environmental and Utility Services

Initial Start Date:

Ongoing

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date:

Ongoing

Council District:

City-wide

Revised Completion Date:

Location:

City-wide

Description:

Justification:

City staff performs many services for the review and inspection of projects for the Santa Clara Valley Water District. As is customary practice between public agencies, and per State law, the City and Water District do not charge one another for these services. Therefore, neither entity recovers its costs from the other.

City staff reviews plans, issues encroachment permits, and inspects the construction of Water District projects that are located within or will impact the City's right-of-way. Staff work is essential to ensure the safety of construction activities of the Water District's contractor, and the quality control of these projects. Failure to do so will result in the increased potential for undesirable traffic impacts (e.g. accidents) and impacts of the contractor's activities on public and private utility infrastructure.

	EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Program Management				75	75	75	75	75	375		
TOTAL				75	75	75	75	75	375		7.7
			FUN	IDING SO	URCE SC	HEDULE ((000'S)		Maria.		
Sewer Service And Use Charge Capital Improvement Fund				75	75	75	75	75	375		
TOTAL				75	75	75	75	75	375		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:

Ongoing

Redevelopment Area:

N/A

Initial Project Budget:

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program **Detail of Capital Projects**

27. Preliminary Engineering

CSA:

Environmental and Utility Services

Initial Start Date:

Ongoing

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

Department:

Public Works

Initial Completion Date:

Ongoing

Council District:

N/A

Revised Completion Date:

Location:

City-wide

Description:

This allocation provides funding to support preliminary engineering for sanitary sewer related

projects, including surveys and evaluations of project impacts on the sanitary sewer system.

Justification:

Preliminary engineering is required to define the scope and develop cost effective solutions to

sanitary sewer issues.

	EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Development		652	652	675	700	725	750	760	3,610		
TOTAL		652	652	675	700	725	750	760	3,610		
		Wille	FUN	IDING SO	URCE SC	HEDULE ((000'S)				
Sanitary Sewer Connection Fee Fund		652	652	675	700	725	750	760	3,610		
TOTAL		652	652	675	700	725	750	760	3,610		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:

Ongoing

Redevelopment Area:

N/A

Initial Project Budget:

SNI Area:

N/A

Appn. #:

2005-2009 Adopted Capital Improvement Program Detail of Capital Projects

28. Public Works Engineering Services Equipment (Materials Lab)

CSA:

Environmental and Utility Services

Initial Start Date:

Ongoing

CSA Outcome:

Reliable Utility Infrastructure

Revised Start Date:

2

Department:

Public Works

Initial Completion Date:

Ongoing

Council District:

City-wide

Revised Completion Date:

Location:

City-wide

Description:

This ongoing allocation funds the purchase of equipment necessary to perform quality assurance

testing on materials used in sewer rehabilitation projects.

Justification:

This allocation is necessary to meet Public Works Department's ongoing Materials Testing Lab

equipment replacement needs.

		EXPENDITURE SCHEDULE (000'S)									
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Equipment		51	51	33	35	37	38	39	182		
TOTAL		51	51	33	35	37	38	39	182		
		145.77	FUN	IDING SO	URCE SC	HEDULE ((000'S)				
Sanitary Sewer Connection Fee Fund		41	41	33	35	37	38	39	182		
Sewer Service And Use Charge Capital Improvement Fund		10	10								
TOTAL		51	51	33	35	37	38	39	182		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:

Ongoing

Redevelopment Area:

N/A

Initial Project Budget:

SNI Area:

N/A

Appn. #:

2004-2005 CAPITAL BUDGET

2005-2009 CAPITAL IMPROVEMENT PROGRAM

SANITARY SEWER SYSTEM

SUMMARY OF PROJECTS WITH CLOSE-OUT COSTS ONLY IN 2004-2005

The Summary of Projects with Close-Out Costs Only in 2004-2005 includes those projects that are near completion with only minimal costs (typically inspection services and program management) to finish the project budgeted in 2004-2005. On the Use of Funds statement, the projects in this summary are not numbered.

2005-2009 Adopted Capital Improvement Program

Summary of Projects with Close-out Costs Only in 2004-2005

Project Name: Almaden Boulevard

Initial Start Date: 1st Qtr. 2000

5-Year CIP Budget:

\$10,000

Revised Start Date:

Total Budget:

\$1,134,000

Initial End Date: 2nd Qtr. 2001

Council District: 3

Revised End Date: 1st Qtr. 2004

Description: This project consists of the rehabilitation of approximately 2,700 linear feet of 33"

diameter reinforced concrete pipe with an in-place liner.

Project Name: Evergreen Sewer

Initial Start Date: 1st Qtr. 2001

5-Year CIP Budget:

\$64,000

Revised Start Date:

Total Budget:

\$239,000

Initial End Date: 1st Qtr. 2003

Council District: 7

Revised End Date: 2nd Qtr. 2004

Description: This project rehabilitates approximately 3,950 linear feet of 48-inch diameter

reinforced concrete pipe and 700 linear feet of 30-inch diameter ductile iron pipe

siphon with a cured in place liner.

Project Name: Monterey-Riverside Supplement

Initial Start Date: 1st Qtr. 1998

5-Year CIP Budget:

\$60,000 \$8,078,000 Revised Start Date:

Initial End Date: 3rd Qtr. 2001

Total Budget: Council District: 2

Revised End Date: 3rd Qtr. 2004

Description: This project includes the construction of approximately 2,000 linear feet of 42"

diameter sanitary sewer by tunneling and reconstruction of a sewer structure.